



# भारत का राजपत्र The Gazette of India

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मई विल्ली, शनिवार, मई 30, 1970 (ज्येष्ठ 9, 1892)

No. 22]

NEW DELHI, SATURDAY, MAY 30, 1970 (JYAISTHA 9, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रजिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

Patents and Designs

Calcutta, the 30th May, 1970

#### SPECIAL NOTICE

In partial modification of the list of holidays to be observed in the Patent Office during the year 1970 notified in the Special Notice published in the Gazette of India, Part III, Section 2 dated the 3rd January, 1970, the following insertion may be made :—

Insert—Buddha Purnima. Thursday 21st May.

After—Bengali New Year's Day. Wednesday 15th April.

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

11th May 1970

- 126587. Subbrata Kumar De. Long life electric lamp with multiple filaments (Design 1 and Design 2).
- 126588. Scientific Repairs and Trading Company (Private) Limited. Temperature measuring instrument.
- 126589. R. R. Pardasani. Improvement in or relating to locks.
- 126590. B. Ramnarayan. Foldable baby seat for cars or the like vehicles.
- 126591. Streamline Plastics. Improvements in or relating to battery operated or A.C. miniature reduction gear box systems.
- 126592. Alembic Chemical Works Company Limited. A new antibiotic designated as 'barodamycin' and a process for its manufacture.
- 126593. Imperial Chemical Industries Limited. New chemical compounds and compositions containing them. (20th May 1969).

- 126594. Imperial Chemical Industries Limited. Improved melt spinning process. (23rd May 1969).
- 126595. Joseph Lucas (Industries) Limited. Starter motor systems for road vehicles. (28th July 1969).
- 126596. Meffna S. A. Variable resistance foot control device, for regulating the speed of an electric motor.
- 126597. Farbenfabriken Bayer Aktiengesellschaft. Diethylaminoethyl-dextran (Deae-D) as adjuvant for vaccines for active immunisation.
- 126598. Farbenfabriken Bayer Aktiengesellschaft. Ethylethylencimine as inactivating agent.
- 126599. English Calico Limited. Method of treating cellulosic material.
- 126600. Allis-Chalmers Manufacturing Company. Improved synchronous reluctance motor.
- 126601. Etablissements Clin-Byla. 4-phenylbutyric acids and their derivatives.
- 126602. The Dunlop Company Limited. Improvements in or relating to moulding apparatus. [Divisional date 12th November 1968].
- 126603. E. I. du Pont de Nemours and Company. Bicyclic carbonate esters of selected steroids.
- 126604. H. Singh. A filter assembly or cartridge.
- 126605. Fritz and Singh Private Limited. A filter element or cartridge.
- 126606. Itt Industries, Inc. Foliar sprays.
- 126607. Itt Industries, Inc. Process of grouting, employing an iron hydroxide polyol setting agent.
- 126608. Minnesota Mining and Manufacturing Company. Wire-splicing apparatus and method.
- 126609. G. Wunderlich, H. Weber, G. Choulat, and D. Laufhutte. Methods of treating gases containing hydrogen sulphide and ammonia.

126610. The Carborundum Company. P-oxybenzoyl co-polyesters.
126611. The Carborundum Company. Composition of matter comprising an oxybenzoyl polyester and polyfluorinated addition polymers.
126612. The Carborundum Company. Printed circuits.
126613. The Carborundum Company. Impact molding of polyesters.
126614. The Carborundum Company. Oxybenzoyl polyesters coatings.
126615. The Carborundum Company. Polyester coated wire.
126616. Skelton-Thomas Limited. Convector plates. (13th May 1969).
126617. Roussel-Uclaf. Cephalosporin derivatives, processes for their preparation, and compositions incorporating them. (27th June 1969).
126618. Honiron Inc. Screw press apparatus. [Divisional date 23rd December 1968].
126619. Prephar Prospection De Recherches Pharmaceutiques S. A. Sulfonated derivatives of a glycopeptide extracted from animal organs, useful as drugs and a process for the preparation thereof. [Divisional date 21st September 1968].
- 12th May 1970
126620. Council of Scientific and Industrial Research. Improvement in or related to methods for the production of brucine sulphate and brucine.
126621. Council of Scientific and Industrial Research. Light transmitting materials.
126622. M. M. Rohatgi. An apparatus for truly duplicating the rowing exercise on land.
126623. BDH Pharmaceuticals Limited. Organic compounds. (22nd May 1969).
126624. Siemens Aktiengesellschaft. An installation comprising a current converter comprising semiconductor rectifier elements and a monitoring arrangement for it.
126625. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. A process for the manufacture of basic oxazine dyestuffs.
126626. American Cyanamid Company. Absorbable polyglycolic acid suture of enhanced in-vivo strength retention, and a method and apparatus for preparing same.
126627. The Dow Chemical Company. Maintaining catalyst activity.
126628. Zoecon Corporation. Insect control. [Addition to No. 126352].
126629. M. J. Xavier. Three diamentional camera.
126630. Bharati Bhattacharjee. Manufacture of aluminium stick for introducing aluminium as a deoxidant in steel making or an allowing element in iron and steel or non-ferrous metal and alloy.
126631. Trefimetaux GP. Improved rolls made of reinforced plastics.
126632. A. Delcroix. Device for the assembly of partitions.
126633. AMP Incorporated. Terminals for aluminum wire. (30th May 1969).
126634. The Dunlop Company Limited. Cutting material into lengths. (13th May 1969).
126635. Farbenfabriken Bayer Aktiengesellschaft. New phenylimidazolyl-fatty acid derivatives.
126636. Pfizer Corporation. Polar-substituted propanolamine. (17th February 1970). [Addition to No. 124020].
126637. Sandoz Ltd. Improvements in or relating to organic compounds. (15th May 1969). [Addition to No. 119772].
126638. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 6-alkoxy-5, 6-dihydro-4H-pyranes and trimethyl-2-cyclohexen-1-ones.
126639. Kawasaki Jukogyo Kabushiki Kaisha. Steam boiler heated by waste heat.
126640. Casablancas Limited. Improvements relating to textile fibre drafting mechanisms.
126641. Ciba Limited. New antibiotically active rifamycin compounds and processes for their manufacture.
126642. Ciba Limited. 6-amino-3-pyridinesulfonamides, process for their manufacture and compositions containing same.
126643. R. Mahapatra. Paddy transplanting machine.
- 13th May 1970
126644. M. R. Parikh and Dr. E. H. Daruwalla. One stage bleaching process.
126645. Ibcon Private Limited. Improvements relating to coking of coal.
126646. Imperial Chemical Industries Limited. Steam reforming hydrocarbons. (20th May 1969).
126647. Imperial Chemical Industries Limited. Organometallic compounds and uses thereof. (28th May 1969).
126648. Girling Limited. Improvements in and relating to vehicle internal shoe drum brakes. (20th May 1969).
126649. Parke, Davis & Company. New pyrazolo [3, 4-e] [1, 4] diazepin-7 (1H)-one compounds and methods for their production.
126650. Sherritt Gordon Mines Limited. Recovery of nickel from nickel ammonium carbonate systems. (16th October 1969).
126651. Siemens Aktiengesellschaft. A process for the production of a moulded part of a hard foam.
126652. Ross Operating Valve Company. Single spindle four-way valve.
126653. Asahi Kasei Kogyo Kabushiki Kaisha. Process and apparatus for the continuous xanthation and solution of alkali cellulose.
126654. Sandoz Ltd. Improvements in or relating to organic compounds. (15th May 1969).
126655. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of trimethyl-2-cyclohexen-1-ones.
126656. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Pyrrolidone.
126657. SKF Industriële Handelen Ontwikkeling Maatschappij N. V. Method for manufacturing rolling bearing components and components manufactured according to the method.
126658. B. & J. Manufacturing Company and W. E. Jensen. Tire casing conditioning means and method.
126659. Rex Chainbelt Inc. Conveyor chain link having knuckles formed integrally with edge and method of forming.
126660. Messer Griesheim GMBH. Sealing for the partition wall between the liquid feed point and the drain in circulating columns.
- 14th May 1970
126661. Director. Indian Institute of Technology, Bombay, Bombay-76, Maharashtra State, and Dr. Saibal Kanti Gupta. Multi-fluid pelletization of ore fines.
126662. Council of Scientific and Industrial Research. A method for the manufacture of xanthotoxin from ammi majus seeds.
126663. Council of Scientific and Industrial Research. Improvements in or relating to lacquers for corrosion prevention.
126664. Council of Scientific and Industrial Research. An automatic flushing cistern for urinals.
126665. Shar-Lee Filtorites Pvt. Ltd. Gasoline filter.
126666. Shar-Lee Filtorites Private Ltd. Air filter Element gasket.
126667. C. S. Patel. Improvements in or relating to pilfer-proof closures.

126668. Jute Industries Limited. Method of laying protruding fibres and increasing abrasion resistance of textile yarns.
126669. Shell Internationale Research Maatschappij N. V. Preparation of lubricating oil compositions. (16th May 1969).
126670. Pfizer Corporation. Sulphonamide compounds. (19th May 1969).
126671. Research and Development Pty., Ltd. Froth pump. (19th May 1969).
126672. Abbott Laboratories. Sealed container.
126673. R. R. Pardasani. Improvement in or relating to locks.
126674. Rederiaktiebolaget Nordstjernan. Process and device for production of powder of tungsten and similar metals.
126675. N. K. Shanmukha Dasan Pillay. Blue print machine-cum-drawing filing cabin.

15th May 1970

126676. S. S. Khatra. A foot operated pump capable of being operated by the weight of an operation. [Divisional date 2nd July 1969].
126677. Council of Scientific and Industrial Research. Improvements in/or relating to the electrolytic reduction of nitrobenzene to p-aminophenol.
126678. K. B. Bhatia. A device for automatic hygienic protection against infection in public toilet.
126679. G. S. Soni. An air-breathing jet propulsion engine for air craft (which has no conventional compressor or turbine, thus eliminating these moving parts).
126680. Imperial Chemical Industries Limited. Foamed polyolefine films. (21st May 1969).
126681. BDH Pharmaceuticals Limited. Improvements in or relating to steroids. (16th May 1969).
126682. USS Engineers and Consultants, Inc. Inlet construction for vacuum vessels. [Addition to No. 125697].
126683. E. R. Squibb & Sons, Inc. Process for manufacture of sterile lecithin.
126684. Mining Supplies Limited. Improvements in or relating to flight conveyors. (30th May 1969).
126685. Norton Company. Endless abrasive belt.
126686. Nisshin Steel Company Ltd. Austenitic stainless steels.
126687. Ciba Limited. Manufacture of new halogen-steroids.
126688. Robert Bosch GMBH. Improvements in or relating to fuel-injection pumps for internal combustion engines.
126689. N. V. Philips' Gloeilampenfabrieken. Time division multiplex system for the transmission of signals by means of pulse code modulation. (16th May 1969).

#### Alteration of Date

124240. Ante-dated to 4th November 1968 under Section 5 of the Act.
126005. Ante-dated to 18th November 1968 under Section 5 of the Act.
126274. Ante-dated to 6th August 1968 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

116590. E. I. D. —Parry Ltd. A process for the production of a water soluble N : P fertiliser. Accepted on 2nd April 1970.

*Comprising powdered rock phosphate is mixed with hydrochloric acid, the mixture is filtered, then to filtrate ammonium sulphate is added, the mixture is filtered, the filtrate is neutralised with ammonia in the form of liquefied gas, vapour or aqueous solution.*

116984. Kupex A. G. Hose coupling. Accepted on 29th April 1970.

*Characterised in that the rapid closure member comprises an outer member and a sleeve guided thereon.*

117108. Snam Progetti S.p.A. Improvements in or relating to production of ethylene oxide. Accepted on 5th May 1970.

*Comprising the recovering and use of the energy contained in the discharged gases of ethylene oxide reactor.*

117119. Envirotech Corporation. Rotary fieter drum. Accepted on 6th May 1970.

*Characterized in that said cylinder comprises a plurality of imperforate molded arcuate section each corresponding to an angular segment of a circle, means connecting adjacent sectors together to form said cylinder, and means securing said headers to said cylinder to close said drum.*

117136. National Distillers and Chemical Corporation. Preparation of dihydronaphthalene compounds and polymerization process using said compounds. Accepted on 6th May 1970.

*Sodium with an average porticle size within the range from about 0.5 to about 50 microns dispersed in inert diluent is employed.*

117143. Lachema n.p. Brno—Reckovice. Process for producing a smelt with a high content of active materials. Accepted on 7th May 1970.

*Including producing the active materials contained in the smelt in the medium of an excess of hydroxides of alkaline metals by reacting alkaline hydroxides, alkaline metals, hydrogen or gases which contain hydrogen at a temperature of 250—450°C and at a hydrogen pressure of 1—100 atmospheres.*

117218. Compagnie Generale D'Automatisme. Installation for multiple and automatic analyses. (1st September 1967). Accepted on 12th May 1970.

*Characterises in that it comprises at least one apparatus for taking samples, at least one apparatus for transferring a given quantity of the substance and/or a liquid from a container into one of the said closed chambers and at least one mechanical treatment apparatus and one thermal treatment apparatus and at least one analysis apparatus of photocolormeter type, the outlet is connected to an electronic data processor.*

117220. T. B. Buhariwala. An improved method for making guards, grills or the like for electric fans or the like and a device for making the same. Accepted on 8th May 1970.

*Includes a mould having narrow grooves provided therein whereby solid framework of guards, cages or grills is formed with ends of wires of wire netting at their points of inter-section embedded and strongly bonded into said framework.*

117254. Severo — Zapadnoe Otdelenie Vsesojuznogo Gosudarstvennogo proektno-izyskatelskogo i nauchno-issledovatel'skogo instituta "Energosetproekt". High-voltage switchgear. Accepted on 8th May 1970.

*Features two high voltage circuits, the middle points of said circuits being connected through two series connected circuit breakers where between a third outgoing line is incorporated.*

117300. Gould-National Batteries Inc. Improvements in or relating to storage battery container. Accepted on 11th May 1970.

*A cover containing a circular opening located to receive a substantially cylindrical metal battery terminal post extending upward from a cell within the container.*

117333. M. K. R. Panicker. Process for nitrating organic compounds and preparation of trinitro compound therefrom. Accepted on 12th May 1970.

*Comprising by passing a mixture of ammonia and sulphur trioxide through a mixture of nitric acid and organic compound.*

117334. M. K. R. Panicker. Single stage preparation of nitrogen, phosphorous, potash mixture from insoluble phosphatic material and preparation of ammonium phosphate therefrom. Accepted on 12 May 1970.

*Comprises fusing the phosphatic material with ammonium sulphate and potassium chloride or sulphate at about 400°C for about 5 to 10 minutes.*

117341. Norton Company. Abrasive saw and manufacture thereof. Accepted on 12th May 1970.

*Having an edge surface and adjacent side surfaces with a first layer of electrodeposited metal bonded abrasive on at least side edge surface and a second layer of electro-deposited metal bond abrasive encapsulating the first layer.*

117423. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of 1, 2, 4-thiadiazolyl ureas and herbicidal composition containing the same. Accepted on 13th May 1970.

*Process for the preparation of a 1, 2, 4-thiadiazolyl ureas in which (a) 5-aminothiadiazole is reacted in the presence of solvent with an isocyanate or (b) 5-aminothiadiazole is reacted in presence of a solvent and an acid binder with an acid chloride or (c) an urethane is reacted with an appropriate amine.*

117470. Tsentralny Nauchno-Issledovatel'sky Institut Tekhnologii Mashinostroeniia. Method of making fluid self-hardening mixture, preferably for manufacturing foundry moulds and cores. Accepted on 7th May 1970.

*Composed of a filler, water glass as a binder, an additive containing calcium silicate, a foaming agent selected from the group of anionic and non-ionic surface active agents and water and an abietic resin.*

117747. United States Steel Corporation. Improved electroplating bath, process of using the same, and product thereof. Accepted on 7th May 1970.

*Characterized by continuously passing a flat rolled steel base stock through an aqueous solution of from about 5 to about 80 g/l of chromium trioxide and from about 0.25 to about 5 g/l of promoter material of cobaltous chloride or sulfamic acid.*

117774. Hopkin & Williams Limited. Improvements in the purification of solid chemical substances. (27th September 1967). Accepted on 12th May 1970.

*Comprising a vertically arranged tubular container which enclosed at its lower end by a porous plug and a porous plug at its upper end in contact with chemical substance.*

118416. Tenco Brooke Bond Limited. Instant tea composition and process for the preparation thereof. (22nd November 1967). Accepted on 4th May 1970.

*Comprises steaming dhool recovering steam distillate of flavour components, and firing and extracting steamed dhool to give a concentrate of soluble solids.*

118432. CKD praha, Oborovy Podnik. Improvements in or relating to semiconductor devices. Accepted on 5th May 1970.

*Having one junction element, a casing consisting of two main electrodes and a connecting member of dielectric, two frames.*

118439. The Metal Box Company of India Limited. Improvements in or relating to tamperproof fittings for containers. Accepted on 7th May 1970.

*Comprising a base portion larger than the aperture, a central diaphragm, side walls fitting into the aperture, the side walls having an outwardly turned portion which grips on the said flange.*

118460. The Dunlop Company Limited. Improvements relating to rubber mountings and to tandem axle vehicle suspensions comprising such mountings. (16th November 1967). Accepted on 7th May 1970.

*An improved rubber mounting and tandem axle vehicles suspensions with such mountings.*

118465. Siemens Aktiengesellschaft. Method of producing electric machines. Accepted on 7th May 1970.

*Characterized in that the stator core is preheated to a temperature between 300 to 900°C and is so introduced into the mould for the housing that the stator core is cast in the housing in the subsequent casting.*

118467. Kharkovsky Vagonoremontny zavod. Installation for painting surfaces. Accepted on 7th May 1970.

*Characterized in that plurality of roughnesses or irregularities are provided through the surface of said screen whereby the charge are uniformly distributed over the entire area thereof.*

118530. The Dunlop Company Limited. Improvements in or relating to moulding apparatus. (18th November 1967). [Addition to No. 110184]. Accepted on 11th May 1970.

*Comprising spring members operatively engageable one with each of the segments pivotally mounted on one of the mould halves to move the segments apart each of the said spring members comprising a plurality of co-axially arranged dished annuli.*

118557. Nitro Nobel Aktiebolag. Blasting compositions. Accepted on 8th May 1970.

*Comprising a liquid phase consisting of a nitroglycerine nitroglycol mixture and a desensitizing agent and dispersed therein an inorganic nitrate provided with a hydrophobic surface coating.*

118591. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa. A cooling apparatus for the continuous cooling of dry matters. Accepted on 8th May 1970.

*Ribs are provided on the interior surface of the metal body to agitate the granular material to contact the interior surface of the cooled metal body being cooled by direct contact heat exchange therewith.*

118641. Bhawani Engineering Works. Automatically recording speedometer of winding engines working in mines. Accepted on 7th May 1970.

*Comprises in combination a means for connecting the winding engine with the speed indicating apparatus comprising a horizontally disposed governor fitted on a horizontally disposed rotatable spindle with a helical spring wound around the said spindle, a vertical guide rod fitted to a bush bracket at the rear end of the spindle.*

118740. VDO Tachometer Werke Adolf Schindling GMBH. Single phase cascade motor. Accepted on 12th May 1970.

*Main pole and an inversely polarised axially staggered auxiliary pole of the stator face each rotor pole, and that the auxiliary pole is connected with the main pole and becomes active at the next switch step.*

118742. Combustion Engineering, Inc. Center support marine boiler with isolated reheater. Accepted on 8th May 1970.

*Comprising a setting defined by front, rear and side walls means including upwardly extending tubes for fluid cooling the walls, a furnace chamber having means for burning fuel, a boiler section, a convection section including a superheater tubes bank, a compartment integral with the setting and including a reheater tube bank, a tubular gas impervious partition between the compartment and the furnace chamber, means for burning the fuel in the compartment including means for terminating operation thereof.*

118756. Eastman Kodak Company. Method and apparatus for recovering electrolytically recoverable metal from solution containing said metal. Accepted on 11th May 1970.

*Comprises placing the solution between an anode and cathode and impressing a potential difference there across wherein the anode and the cathode are in close face to face relationship and the solution is carried there between in the form of a layer by means of a movable carrier.*

118768. Dynatek Industries, Inc. Apparatus for separating dispersed phase contaminants from a continuous phase liquid. Accepted on 12th May 1970.

*Comprising a housing, an inlet line having an orifice for discharging the continuous phase liquid thereby establishing laminar flow conditions an outlet line and a sludge sump.*

118968. Colgatt-Palmolive Company. Detergent composition. Accepted on 11th May 1970.

*Comprising surface active agent proteolytic enzyme and anti-micro-organic agent.*

119057. Dr. W. B. Greissau. Composite body of variable shape. Accepted on 11th May 1970.

*Characterised by an even number of at least six square blocks, each of which is joined in an articulated manner to each of two further square blocks at an edge, those two edges of a square block which cross one another at a certain distance from the link edges.*

119115. The National Cash Register Company. Treating minute capsules to reduce the permeability of the capsule walls. Accepted on 11th May 1970.

*By effecting free-radical polymerisation of monomeric material within interstices of wall material.*

119200. V. Sawalka. Improvements in or relating to yo-yo. Accepted on 8th May 1970.

*Each part of an yo yo is provided with lamps, means for providing electrical energy for the said lamps, and switch means to control the operation of the said lamps.*

119240. Ortho Pharmaceutical Corporation. Pill dispenser with indicating dial. Accepted on 11th May 1970.

*An indicating dial mounted rotatably between base and cover, motion transmitting means co-operating between dial and base adapted to rotate dial each time cover pill exit is aligned with a successive adjacent one of said pill compartment.*

119348. Mrs. Nirmala Laxman Tamhankar. Improved solid fuel composition. Accepted on 8th May 1970.

*Comprising mixture of nitrocellulose and cellulose pulp in organic solvent.*

119451. Reichhold-Albert-Chemie Aktiengesellschaft. Process for the production of aqueous polymer dispersions which are substantially free from residual monomer. Accepted on 7th May 1970.

*Treating polymer dispersion, obtained by emulsion polymerisation of homopolymer or copolymer of acrylic or methacrylic acid or ester in presence of redoxcatalyst with per-ester or per ketal at 30—100°C.*

119548. R. N. Shah. Automatic water cooling device. Accepted on 8th May 1970.

*Outer surface of the container is covered by flannel and a shallow tray with an water inlet is fitted at the bottom of the container.*

119592. Fertilizer Corporation of India Limited. A process for the recovery of potassium and sulphate ions as potassium sulphate from saline deposits. Accepted on 10th April 1970.

*Comprises (a) crushing the mixed salt to pass through preferably 60 mesh, (b) extracting away the sodium chloride and magnesium chloride present in the mixed salt by a methanol water solution, (c) bringing the sulphate enriched crop into solution with water and removing clayey matter by flocculating agents, (d) obtaining sulphate and potassium by removing the magnesium by addition of potassium chloride and methanol.*

119750. C. Gupta. Device for producing water mist. Accepted on 18th March 1970.

*A vertical inlet pipe a water housing at the top of inlet pipe, a valve rotatably inserted on the water housing, a top cover on it provided with water outlet.*

119810. Farbenfabriken Bayer Aktiengesellschaft. Production of novel O-iodophenylcarbamates and fungicidal compositions containing same. Accepted on 8th May 1970.

*In which a phenol is reacted with an isocyanate or a phenyl chloroformate with an amine.*

119867. Vickers-Zimmer Aktiengesellschaft Planung und Bau Von Industrieanlagen. Process and apparatus for melt spinning of synthetic linear high polymers. (28th January 1969). Accepted on 7th May 1970.

*Compressing the bulky material in a chamber to reduce its volume by from 50 to 90%, heating the compressed material to melt it and removing the molten material from the chamber opposite the gases escape.*

120089. N. V. Philips Gloeilampenfabrieken. Circuit arrangements for receiving electrical signals. Accepted on 13th May 1970.

*Comprising input terminals which are connected through a coupling net work to a parallel resonant circuit, which is connected through an impedance inverting transformation net work to the input of a transistor.*

120123. N. H. Mehta Improvements in or relating to cushioning elements, a device for manufacturing such elements and a method for manufacturing such cushioning elements. Accepted on 7th May 1970.

*Air—cell cups or pockets are formed on the surface of said upper skin of the laminate and the lower skin thereof is plain surfaced.*

120170. Fuller Company. A gas-solids filter chamber and a gas-solids separator-comprising a plurality of such filter chambers. Accepted on 13th May 1970.
- Comprising a plurality of filter chambers having a gas-permeable support wall separating the filter chamber into a gas inlet and gas outlet compartments, means for passing a dirty gas and gas flow control means.*
120407. N. V. Philips Gloeilampenfabrieken. Method of forming and regularly growing a semiconductor compound. Accepted on 11th May 1970.
- Characterised in that the surface of the liquid phase is covered with a layer of liquid boron oxide, the volatile component being diffused into the liquid component through a porous element.*
120495. Defibrator Aktiebolag. Method of manufacturing mechanical pulp. Accepted on 10th April 1970.
- Characterised by the steps of continuously feeding the chips into a disc defibrator and simultaneously admitting steam into defibrator, effecting the defibration under prevailing pressure and temperature conditions, keeping the time for heating and defibration below the period of time during which miscolouring of the chips is provoked, feeding water continuously into the defibrator, blowing the obtained pulp out immediately and refining the pulp.*
120776. Buckman Laboratories, Inc. Organic esters and their use as pesticides. Accepted on 11th May 1970.
- Comprises brominating or chlorinating a substituted alkyl acrylate.*
120848. Dr. T. Joseph. Method and device for fitting the optical centre of lens to the visual axis, in the manufacture of spectacles. Accepted on 8th May 1970.
- Comprising two opaque discs having each a pin hole and means to locate the pin holes in relation to rim of spectacle frame, whereby locations of pin holes are found and measured at a particular position of two circular fields, viewed through the pin holes, of a target by a wearer of spectacle frame, being coincided into one.*
121248. Supla Etablissement. Slide fasteners. Accepted on 7th May 1970.
- Comprises elongated individual fastener links of plastic material, each said link being secured on its narrow longitudinal face to a supporting tape by means of a securing formation.*
121862. E. I. du Pont de Nemours and Company. Lubricant producing system. Accepted on 8th May 1970.
- An assembly of at least two members having relatively movable opposing surfaces and an environmental fluid capable of forming a lubricating medium for the opposing surfaces one surface consisting of an alloy of 11.15 atom per cent carbon, 1.5-3 atom per cent silicon and the balance iron and having a vickers H. N. of at least 150, an alloy of at least 80 atom per cent iron, at least 1 atom per cent carbon and having a V. H. N. of at least 200 an alloy of 50-79 atom per cent iron, at least 1 per cent carbon and having a V. H. N. of at least 400.*
122224. Bata Shoe Company Private Limited. Varnish dipping machine for immersing footwear. Accepted on 8th May 1970.
- A vertical central shaft, a table rotatable about the shaft, a plurality of rod arrangements supported at the periphery of the table at equally spaced intervals there about, a supporting roll and a last carried by each rod arrangement, a circular guide track positioned in a horizontal plane about the shaft and spaced above the rotatable table.*
122393. Westinghouse Brake and Signal Company Limited. Information transmission systems. (2nd August 1968). Accepted on 28th February 1970.
- Comprising an oscillator consisting an amplifier having a feed back path between input and output an electrically excited circuit tuning device and an output checking filter.*
122501. Maruzen Oil Company, Ltd. and Kimura Kakoki Co., Ltd. A process and apparatus for the treatment of waste sulfuric acid. Accepted on 8th May 1970.
- Comprises continuously filtering solid matters from the waste sulphuric acid and continuously concentrating waste sulphuric acid to concentration of 45 to 50% by weight under a reduced pressure, further concentrating the acid to 60 to 65% by weight under a reduced pressure and further concentrating it to 75 to 85% under reduced pressure of 20 to 50 mmHg.*
122519. N. V. Philips Gloeilampenfabrieken. Method of providing an anti-implosion clamping band around the envelope of a colour television picture tube and picture tube comprising an anti-implosion clamping band provided according to the said method. Accepted on 28th February 1970.
- Windo and the cone are cured together by means of a solder glass the band comprises a wider and a more narrow portions and is slid on the envelop and over the mould match line.*
122875. Index-Werke KG Hahn & Tessky. Improvements in and relating to an automatic turret lathe. Accepted on 8th May 1970.
- The slide being guided in a feed direction by a toothed rack which meshes with a toothed segment lever controlled by a feed device and into its starting position by a re-setting spring and the turret head capable of being locked in various operative positions.*
122900. Csepeli Kerekpar Es Varrogepgyar. Free wheeling gear wheel. Accepted on 8th May 1970.
- Having wedging tracks, the radius of which increases in the direction of rotation formed in the external casing surface of the driven part and the rollers being provided between the wedging tracks and the internal casing surface of the driving parts and a cage forces the rollers in the direction of rotation by springs secures to the driving part.*
122946. Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co., Ltd.). Air-cooling apparatus for motorcar engine. Accepted on 8th May 1970.
- Forced cooling air passage being formed to have on its one side an air supply passage extending along the direction of arrangement of the cylinders and connected at its one end with an air supply opening and having on its other side laterally arranged plural heat conducting plates inter-connecting between the inner and outer walls.*
123637. Vsesojuzny Nauchno-Issledovatel'sky Institut Kriogennogo Mashinostroenia. System for controlling the drives of tracer-controlled machines. Accepted on 8th May 1970.
- A signal-generating tracer pick-up having connected in parallel to the output thereof, a plurality of transducers adapted to convert a signal generated by said pick-up into values proportional to the speeds of the motion of said pick-up and of a work performing tool of said machine in respect of a plurality of coordinate axes, the output of each one of said transducers being connected through a signal amplifier to the armature of a respective direct current control motor.*
124240. Tenco Brooke Bond Limited. Instant tea composition and process for the preparation thereof. (22nd November 1967). [Divisional date 4th November 1968]. Accepted on 4th May 1970.

*Comprising a steam distillate from dhool and an extract of normal black tea solubles.*

126005. The British Oxygen Company Limited. Improvements in or relating to refractory regenerative furnace. (9th February 1968). [Divisional date 18th November 1968]. Accepted on 6th May 1970.

*Comprising two heat regenerative masses each having a plurality of flue passageways extending there through, and a combination chamber located between the heat regenerative masses whereby gaseous material first passes through the flue passageways of one heat regenerative mass into the combustion chamber and then through the flue passageways of the other heat regenerative mass.*

126274. National Distillers and Chemical Corporation. Process for the hydrogenation of naphthalene and naphthalene derivatives. [Divisional date 6th August 1968]. Accepted on 6th May 1970.

*Characterized in that the hydrogenation is carried out in solution in an inert solvent for naphthalene in a weight ratio to the naphthalene within the range from about 4:1 to about 6:1.*

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Sandoz Ltd., of Lichtstrasse 35, Basle, Switzerland, a Swiss Body Corporate seek leave to amend the description and claims in the specification in respect of patent application No. 113982. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Quinton Hazell Limited, a British Company, of Colwyn Bay, North Wales, Great Britain seek leave to amend the description and claims in specification in respect of patent application No. 118871. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents & Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Benson, Field & Epes, a partnership organized under the laws of the Commonwealth of Pennsylvania, one of the United States of America, the partnership consisting of Homer Edwin Benson, JOSEPH Herman Field and William Madigan Epes, of 640 Spruce Lane, Berwyn, Commonwealth of Pennsylvania, United States of America, seek leave to amend the description in the specification of patent application No. 120255. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Amendment Proceedings

(4)

The amendment proposed by Farbwerke Hoechst Aktiengesellschaft Vormal Meister Lucius & Bruning in respect of patent application No. 114962 as advertised in Part III, Section 2 of the Gazette of India, dated the 31st January 1970 has been allowed.

#### Patents Sealed

91545. 94864. 103918. 109604. 110919. 111002. 111112.  
113416. 113758. 113780. 113848. 113892. 113937. 113990.  
113993. 114010. 114030. 114146. 114176. 114229. 114246.  
114285. 114337. 114340. 114471. 114691. 114735. 114770.  
114900. 114952. 115051. 115082. 115143. 115158. 115267.  
115360. 115377. 115398. 115409. 115438. 115453. 115494.  
115566. 115582. 115583. 115584. 115592. 115668. 115681.  
115683. 115710. 115734. 115760. 115771. 115840. 115876.  
115933. 116074. 116135. 116373. 116618. 117258. 117383.  
117498. 117507. 117717. 118783. 119224. 119527. 119700.  
120080. 120760. 121768. 121999.

#### Renewal Fees Paid

53496. 54553. 54652. 54658. 54714. 57225. 57336. 57337.  
57468. 57508. 57540. 57589. 57600. 57621. 57629. 57649.  
57658. 57677. 57764. 57789. 59756. 60460. 60612. 60613.  
60684. 60853. 60896. 61283. 62315. 63842. 64100. 64302.  
64362. 64571. 64860. 67409. 67688. 67872. 67875. 67900.  
67913. 67956. 67960. 67992. 68018. 68044. 68079. 68158.  
68160. 68538. 68567. 69703. 71910. 72045. 72085. 72104.  
72112. 72123. 72129. 72164. 72177. 72232. 72237. 72272.  
72379. 72402. 72428. 72475. 72868. 73427. 73458. 76673.  
76788. 76811. 76827. 76888. 76916. 76925. 76959. 76968.  
76982. 77043. 77095. 77351. 77352. 77377. 77421. 77515.  
77516. 77804. 77805. 80577. 82246. 82363. 82584. 82633.  
82634. 82635. 82636. 82685. 82701. 82772. 82810. 82811.  
82817. 82863. 82874. 82930. 82934. 82935. 82936. 82952.  
82999. 83044. 83166. 83173. 83351. 83521. 83658. 84099.  
84247. 85180. 87700. 87912. 87917. 87938. 87943. 87944.  
87948. 87962. 87963. 88036. 88086. 88201. 88202. 88246.  
88268. 88289. 88290. 88291. 88337. 88338. 88352. 88396.  
88407. 88461. 88544. 88548. 88555. 88566. 88579. 88582.  
88587. 88674. 88693. 88822. 88867. 89073. 89167. 89368.  
89490. 89650. 90731. 90918. 90919. 91363. 93613. 93683.  
93855. 94081. 94088. 94114. 94119. 94168. 94221. 94254.  
94290. 94364. 94368. 94442. 94491. 94524. 94659. 94660.  
94720. 94779. 96054. 96378. 97368. 97951. 99293. 99451.  
99493. 99533. 99535. 99560. 99687. 99706. 99779. 99848.  
99856. 99903. 100042. 100154. 100163. 100164. 100167.  
100168. 100169. 100206. 100207. 100215. 100234. 100235.  
100240. 100242. 100243. 100319. 100506. 100615. 100807.  
100842. 100860. 100861. 101036. 101125. 101613. 102188.  
102245. 104284. 104665. 104666. 104827. 105225. 105254.  
105255. 105364. 105367. 105388. 105387. 105453. 105499.  
105525. 105558. 105585. 105611. 105612. 105620. 105623.  
105635. 105636. 105669. 105704. 105721. 105748. 105753.  
105795. 105827. 105850. 105866. 105875. 106210. 106302.  
106588. 106656. 107506. 108452. 110999. 111727.

**Cessation of Patents**

69024. 69032. 69034. 69040. 69041. 69043. 69044. 69049.  
69050. 69051. 69053. 69054. 69055. 69057. 69058. 69059.  
69062. 69067. 69068. 69069. 69070. 69071. 69073. 69074.  
69244. 79538. 79545.

**Restoration Proceedings**

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 71557—Gajanan Bhagvant Dalvi.

The patent ceased on the 23rd April 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 15th April 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th July 1970.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 100833—Impex Industries.

The patent ceased on the 28th July 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 25th April 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th July 1970.

(3)

An order has been made on the 23rd April 1970, restoring the patent No. 83455 dated as of the 26th July 1962, granted to Shri Dhar for "machine for the cutting or chopping off of glass tubes or rods".

(4)

An order has been made on the 6th April 1970, restoring the patent No. 84489 dated as of the 11th October 1962, granted to Ramrao Ganpatrao Chandhari for "improvements in or relating to set squares".

(5)

An order has been made on the 27th April 1970, restoring the patent No. 92236 dated as of the 12th February 1964, granted to Naba Kumar Bandopadhyay for "automatic make and break switching device for electric timers fishers".

(6)

An order has been made on the 16th April 1970, restoring the patent No. 100316 dated as of the 29th June 1965, granted to Westinghouse Electric Corporation for "semiconductor device with flexible lead".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 137276 to 137278. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company "Textile piecegoods", April 1, 1970.

Class 13. Nos. 137311 to 137314. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company "Textile piecegoods", April 13, 1970.

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Design Nos. 122293, 122343, 122294 and 122344 Class—3.

Design Nos. 122133 and 122134 Class—4.

S. VEDARAMAN

Controller General of Patents,

Designs and Trade Marks.